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# ABSTRACT

The cutting plate in the form of a polyhedron comprises a front surface (1) and a rear surface (2) at an angle to it, cutting edges (3), strengthening facet (4) inclined to the plane of the cutting edges, and a swarf-breaking groove (5).

The strengthening facet is in the form of three sectors, the angle of inclination of which to be the plane of the cutting edges is determined from specified expressions. The third sector of the strengthening facet is wider than the first two sectors.

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